

## transmembrane

F 61 - 61 - 57	
*  MLRMPPGSCN GATAIFGNVH COAAQNTAGG DLQATSSIIA YWPYLAAGGG FLLIIIIFAIF 61  MLRMPPGSCN GATAVFGNVH COAAQNTAGG DLQATSSIIA YWPYLAAGGG FLLIVIIFALL 61 MSSDCA KIVSVFGSVH CQSSKNSAGG DLQATSVFTT YWPHFAIGGG IIVVILLGLF 57	+ * · .
YWPYLAAGGG YWPYLAAGGG YWPHFAIGGG	<b>80 80 10</b>
* COAAONTAGG DLOATSSIIA YWPYLAAGGG FLLIIII COAAONTAGG DLOATSSIIA YWPYLAAGGG FLLIVII COSSKNSAGG DLOATSVFTT YWPHFAIGGG IIVVILL COSSKNSAGG DLOATSVFTT YWPHFAIGGG IIVVILL	MAPPYDV. 98 MAPPYDV. 98 TPSGISYV 95
* COAAQNTAGG COAAQNTAGG COSSKNSAGG CON-AGG	** + + + + + + + + + YCCKAKVKAD AARSVFHREL VALSSGKHNA YCCKAKVKAD AARSVFHREL VALSSGKHNA YCCYLKWKTS QVKHTYRREL IALTRSHVHS
GATAIFGNVH GATAVFGNVH KIVSVFGSVH FG-VH	+ + + AARSVFHRELAARSVFHRELOVKHTYRREL
*  1 MLRMPPGSCN GATAIFGNVH COAAONTAGG DLOATSSIIA YWPYLAAGGG FLLIIIIFAIF  1 MLRMPPGSCN GATAVFGNVH COAAONTAGG DLOATSSIIA YWPYLAAGGG FLLIVIIFALL  1MSSDCA KIVSVFGSVH COSSKNSAGG DLOATSVFTT YWPHFAIGGG IIVVILLGLF  1MSSDCA KIVSVFGSVH COSSKNSAGG DLOATSVFTT YWPHFAIGGG IIVVILLGLF	** + + + + + + + 62 YCCKAKVKAD AARSVFHREL VALSSGKHNA MAPPYDV. 98 62 YCCKAKVKAD AARSVFHREL VALSSGKHNA MAPPYDV. 98 58 YCCYLKWKTS QVKHTYRREL IALTRSHVHS TPSGISYV 95 YCCK-KREL -AL
ARV-138 ARV-176 NBV Consensus	ARV-138 ARV-176 NBV Consensus

Figure 2

## transmembrane

1 MGORHSIVOP PAPPPNAFVE IVSSSTGIII AVGIFAFIFS FLYKLLOWYN RKSKNKKRKE 60 ++++ + + +

61 DIREDIELGL LSYGAGVASL PLLNVIAHNP GSVISATPIY KGPCTGVPNS RLLDITSGTA 120

121 EENTRILNHD GRNPDGSINV

Figure 3